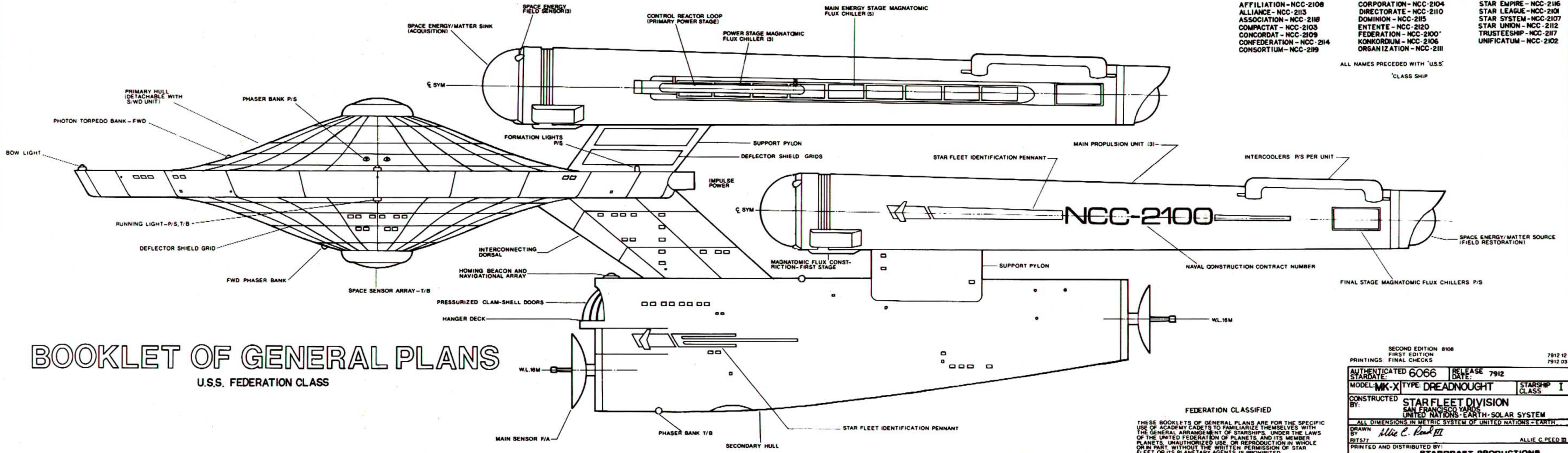


THE FOLLOWING SHIPS OF THIS CLASS WERE CONSTRUCTED UNDER AUTHORIZATION OF STAR FLEE, APPROPRIATION OF STARDATE 6066

- |                          |                         |                        |
|--------------------------|-------------------------|------------------------|
| AFFILIATION - NCC-2108   | CORPORATION - NCC-2104  | STAR EMPIRE - NCC-2106 |
| ALLIANCE - NCC-2113      | DIRECTORATE - NCC-2110  | STAR LEAGUE - NCC-2101 |
| ASSOCIATION - NCC-2118   | DOMINION - NCC-2115     | STAR SYSTEM - NCC-2107 |
| COMPACTAT - NCC-2103     | ENTENTE - NCC-2120      | STAR UNION - NCC-2112  |
| CONCORDAT - NCC-2109     | FEDERATION - NCC-2100   | TRUSTEESHIP - NCC-2117 |
| CONFEDERATION - NCC-2114 | KONKORDIUM - NCC-2106   | UNIFICATUM - NCC-2102  |
| CONSORTIUM - NCC-2119    | ORGANIZATION - NCC-2111 |                        |

ALL NAMES PRECEDED WITH 'U.S.S.'  
'CLASS SHIP



# BOOKLET OF GENERAL PLANS

U.S.S. FEDERATION CLASS

FEDERATION CLASSIFIED

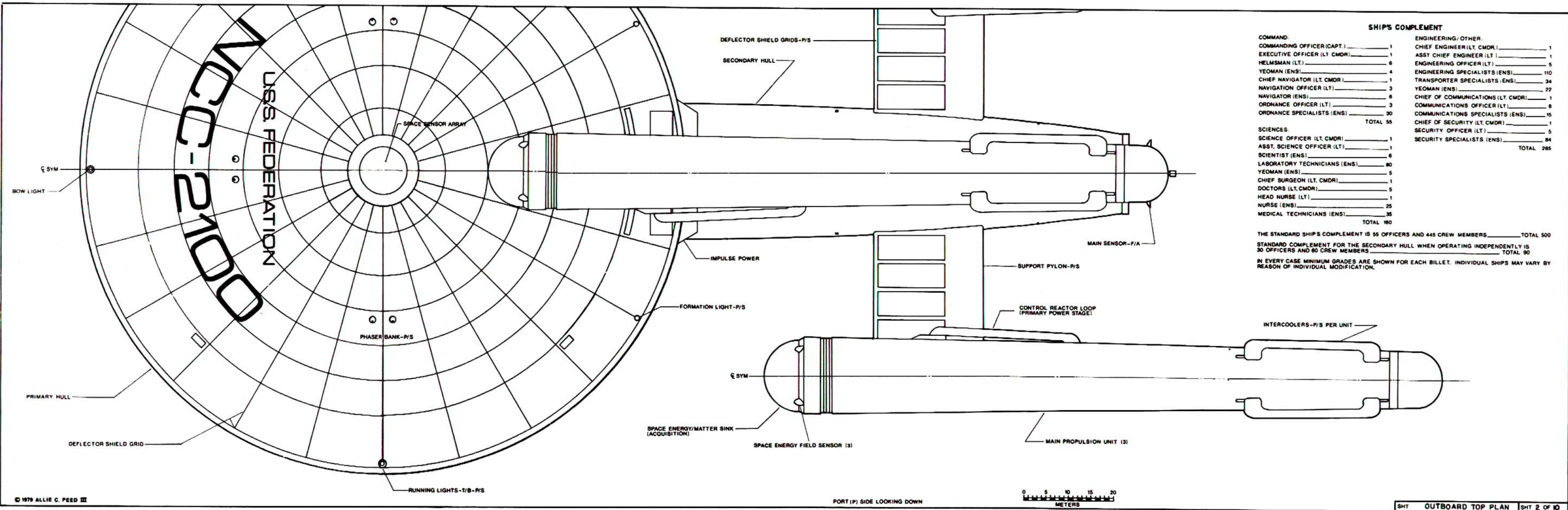
THESE BOOKLETS OF GENERAL PLANS ARE FOR THE SPECIFIC USE OF ACADEMY CADETS TO FAMILIARIZE THEMSELVES WITH THE GENERAL ARRANGEMENT OF STARSHIPS, UNDER THE LAWS OF THE UNITED FEDERATION OF PLANETS, AND ITS MEMBER PLANETS. UNAUTHORIZED USE, OR REPRODUCTION IN WHOLE OR IN PART, WITHOUT THE WRITTEN PERMISSION OF STAR FLEET OR ITS PLANETARY AGENTS IS PROHIBITED.



PORT (P) SIDE LOOKING INBOARD

SECOND EDITION 8108		7912 12
FIRST EDITION		7912 03
PRINTINGS: FINAL CHECKS		
AUTHENTICATED STARDATE: 6066	RELEASE DATE: 7912	
MODEL: MK-X	TYPE: DREADNOUGHT	STARSHIP CLASS: I
CONSTRUCTED BY: STAR FLEET DIVISION SAN FRANCISCO YARDS UNITED NATIONS - EARTH - SOLAR SYSTEM		
ALL DIMENSIONS IN METRIC SYSTEM OF UNITED NATIONS - EARTH		
DRAWN BY: Allie C. Peed III		ALLIE C. PEED III
PRINTED AND DISTRIBUTED BY: STARDRAFT PRODUCTIONS		
188 MONTEREY ROAD		
ROCHESTER, NEW YORK 14618		
SHT OUTBOARD PROFILE		SHT 1 OF 10





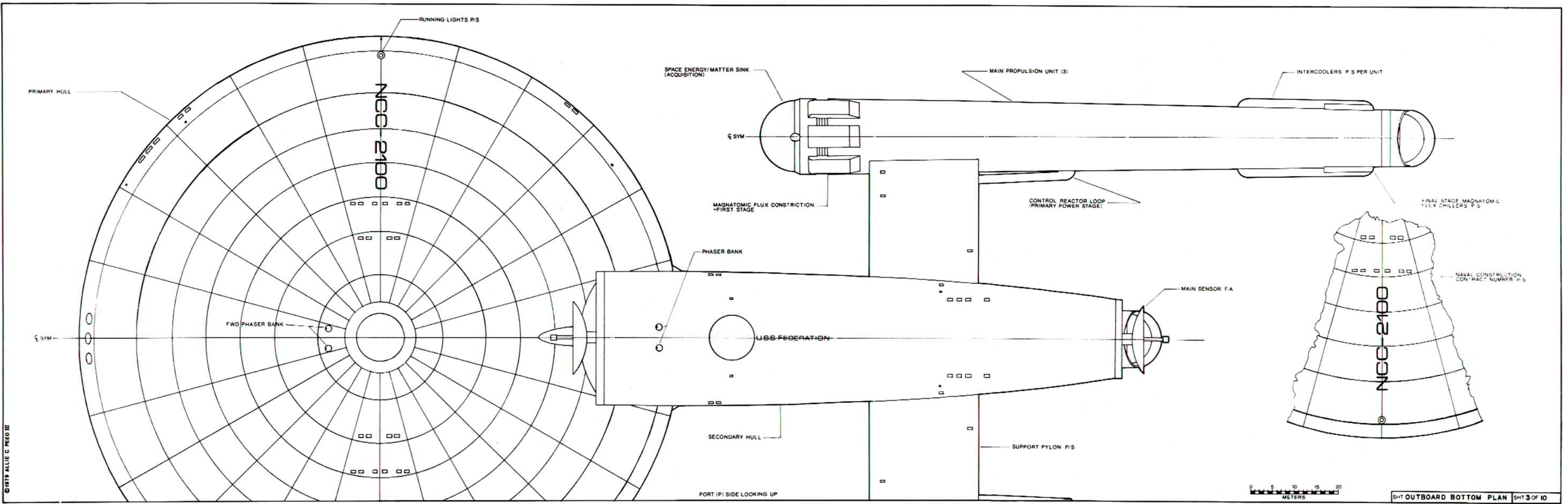
**SHIP'S COMPLEMENT**

<b>COMMAND:</b>		<b>ENGINEERING/ OTHER:</b>	
COMMANDING OFFICER (CAPT.)	_____ 1	CHIEF ENGINEER (LT. CMDR.)	_____ 1
EXECUTIVE OFFICER (LT. CMDR.)	_____ 1	ASST. CHIEF ENGINEER (LT.)	_____ 1
HELMSMAN (LT.)	_____ 6	ENGINEERING OFFICER (LT.)	_____ 5
YEOMAN (ENS)	_____ 4	ENGINEERING SPECIALISTS (ENS)	_____ 110
CHIEF NAVIGATOR (LT. CMDR.)	_____ 1	TRANSPORTER SPECIALISTS (ENS)	_____ 34
NAVIGATION OFFICER (LT.)	_____ 3	YEOMAN (ENS)	_____ 22
NAVIGATOR (ENS)	_____ 6	CHIEF OF COMMUNICATIONS (LT. CMDR.)	_____ 1
ORDNANCE OFFICER (LT.)	_____ 3	COMMUNICATIONS OFFICER (LT.)	_____ 6
ORDNANCE SPECIALISTS (ENS)	_____ 30	COMMUNICATIONS SPECIALISTS (ENS)	_____ 15
	<b>TOTAL 55</b>	CHIEF OF SECURITY (LT. CMDR.)	_____ 1
		SECURITY OFFICER (LT.)	_____ 5
		SECURITY SPECIALISTS (ENS)	_____ 84
		<b>TOTAL 285</b>	
<b>SCIENCES:</b>		<b>TOTAL 160</b>	
SCIENCE OFFICER (LT. CMDR.)	_____ 1		
ASST. SCIENCE OFFICER (LT.)	_____ 1		
SCIENTIST (ENS)	_____ 6		
LABORATORY TECHNICIANS (ENS)	_____ 80		
YEOMAN (ENS)	_____ 5		
CHIEF SURGEON (LT. CMDR.)	_____ 1		
DOCTORS (LT. CMDR.)	_____ 5		
HEAD NURSE (LT.)	_____ 1		
NURSE (ENS)	_____ 25		
MEDICAL TECHNICIANS (ENS)	_____ 35		

THE STANDARD SHIP'S COMPLEMENT IS 55 OFFICERS AND 445 CREW MEMBERS \_\_\_\_\_ TOTAL 500  
 STANDARD COMPLEMENT FOR THE SECONDARY HULL WHEN OPERATING INDEPENDENTLY IS 30 OFFICERS AND 80 CREW MEMBERS \_\_\_\_\_ TOTAL 90  
 IN EVERY CASE MINIMUM GRADES ARE SHOWN FOR EACH BILLET. INDIVIDUAL SHIPS MAY VARY BY REASON OF INDIVIDUAL MODIFICATION.





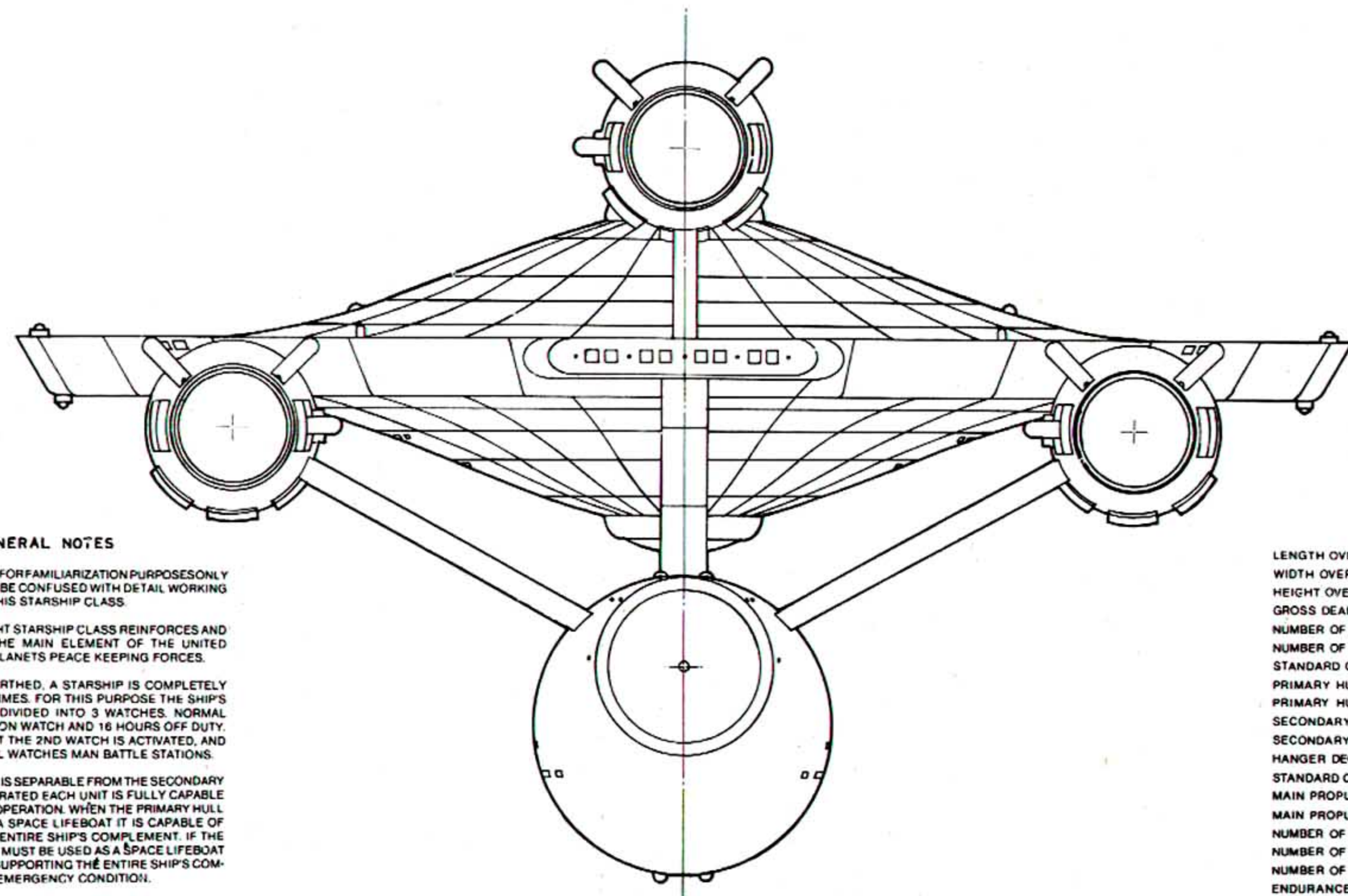


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PORT (P) SIDE LOOKING UP





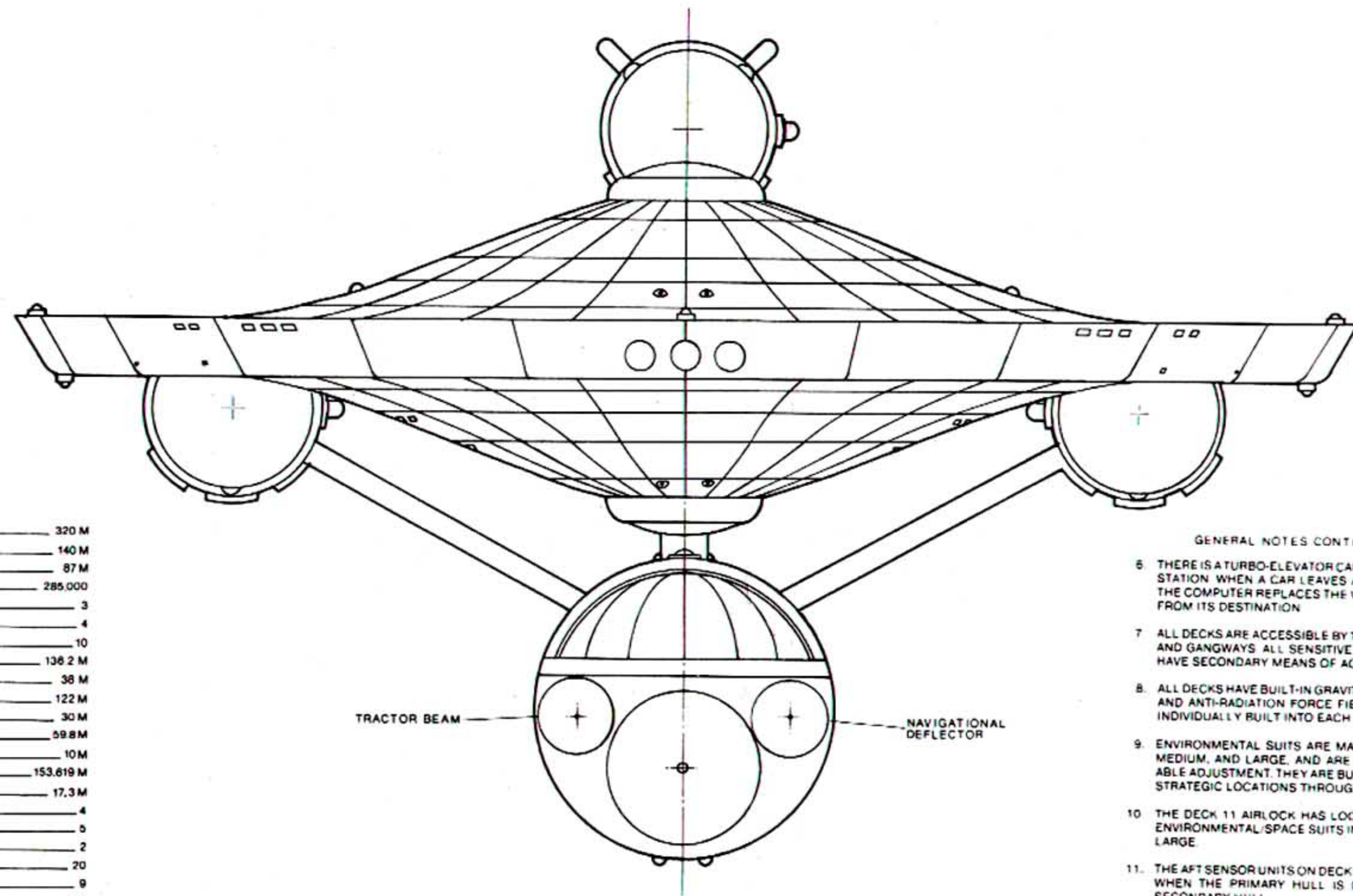


#### GENERAL NOTES

1. THESE PLANS ARE FOR FAMILIARIZATION PURPOSES ONLY AND SHOULD NOT BE CONFUSED WITH DETAIL WORKING DRAWINGS FOR THIS STARSHIP CLASS.
2. THE DREADNOUGHT STARSHIP CLASS REINFORCES AND COMPLEMENTS THE MAIN ELEMENT OF THE UNITED FEDERATION OF PLANETS PEACE KEEPING FORCES.
3. EXCEPT WHEN BERTHED, A STARSHIP IS COMPLETELY MANNED AT ALL TIMES. FOR THIS PURPOSE THE SHIP'S COMPLEMENT IS DIVIDED INTO 3 WATCHES. NORMAL DUTY IS 8 HOURS ON WATCH AND 16 HOURS OFF DUTY. ON YELLOW ALERT THE 2ND WATCH IS ACTIVATED, AND ON RED ALERT ALL WATCHES MAN BATTLE STATIONS.
4. THE PRIMARY HULL IS SEPARABLE FROM THE SECONDARY HULL. WHEN SEPARATED EACH UNIT IS FULLY CAPABLE OF INDEPENDENT OPERATION. WHEN THE PRIMARY HULL IS EMPLOYED AS A SPACE LIFEBOAT IT IS CAPABLE OF SUPPORTING THE ENTIRE SHIP'S COMPLEMENT. IF THE SECONDARY HULL MUST BE USED AS A SPACE LIFEBOAT IT IS CAPABLE OF SUPPORTING THE ENTIRE SHIP'S COMPLEMENT UNDER EMERGENCY CONDITION.
5. THE DREADNOUGHT CLASS STARSHIP HAS PERMANENT STATEROOMS WHICH WILL ACCOMMODATE 530 PERSONS THIS PERMITS IT TO NORMALLY CARRY 30 SUPERCARGO IN ADDITION TO THE STANDARD SHIP'S COMPLEMENT.

#### PARTICULARS

LENGTH OVERALL	320 M
WIDTH OVERALL	140 M
HEIGHT OVERALL	87 M
GROSS DEADWEIGHT METRIC TONNAGE	285,000
NUMBER OF MAIN PROPULSION UNITS	3
NUMBER OF DUAL IMPULSE POWER UNITS	4
STANDARD COMPLEMENT OF 7 PERSON SHUTTLE CRAFT	10
PRIMARY HULL MAXIMUM DIAMETER	136.2 M
PRIMARY HULL MAXIMUM DEPTH	38 M
SECONDARY HULL LENGTH OVERALL	122 M
SECONDARY HULL MAXIMUM DIAMETER	30 M
HANGER DECK LENGTH OVERALL	59.8 M
STANDARD CEILING HEIGHT OVER DECK	10 M
MAIN PROPULSION UNIT LENGTH OVERALL	153.619 M
MAIN PROPULSION UNIT MAXIMUM DIAMETER	17.3 M
NUMBER OF 6 PERSON STANDARD TRANSPORTERS	4
NUMBER OF 22 PERSON EMERGENCY TRANSPORTERS	5
NUMBER OF CARGO TRANSPORTERS	2
ENDURANCE IN YEARS AT LIGHT-YEAR VELOCITY	20
PRIMARY HULL ENDURANCE IN YEARS AT L.Y.V.	9
SECONDARY HULL ENDURANCE IN YEARS AT L.Y.V.	18



#### GENERAL NOTES CONTINUED

6. THERE IS A TURBO-ELEVATOR CAR FOR EVERY ELEVATOR STATION. WHEN A CAR LEAVES A PARTICULAR STATION THE COMPUTER REPLACES THE VACANCY WITH THE CAR FROM ITS DESTINATION.
7. ALL DECKS ARE ACCESSIBLE BY TURBO-ELEVATOR CARS AND GANGWAYS. ALL SENSITIVE AND INHABITED AREAS HAVE SECONDARY MEANS OF ACCESS AND EXIT.
8. ALL DECKS HAVE BUILT-IN GRAVITY, ANTI-ACCELERATION AND ANTI-RADIATION FORCE FIELDS. THESE ARE ALSO INDIVIDUALLY BUILT INTO EACH TURBO-ELEVATOR CAR.
9. ENVIRONMENTAL SUITS ARE MADE IN 3 SIZES: SMALL, MEDIUM, AND LARGE, AND ARE CAPABLE OF REASONABLE ADJUSTMENT. THEY ARE BULK STORED IN VARIOUS STRATEGIC LOCATIONS THROUGHOUT THE SHIP.
10. THE DECK 11 AIRLOCK HAS LOCKERS EQUIPPED WITH ENVIRONMENTAL SPACE SUITS IN SMALL, MEDIUM, AND LARGE.
11. THE AFT SENSOR UNITS ON DECK 7 ARE USED PRIMARILY WHEN THE PRIMARY HULL IS DETACHED FROM THE SECONDARY HULL.



GENERAL NOTES CONTINUED

- 12. ONLY ITEMS WHICH ARE TEMPORARILY OUT OF USE ARE STORED. OTHERWISE THEY ARE RECOVERED BACK INTO THEIR BASIC ELEMENTS FOR RE-USE AS NEW RAW MATERIALS.
- 13. CARGO AND EQUIPMENT IS HANDLED ABOARD SHIP BY USING ANTI-GRAVITY UNITS WHICH ARE STORED IN VARIOUS SIZES AT CONVENIENT LOCATIONS.
- 14. IN ADDITION TO THE STANDARD MEDICAL SECTION, TWO LABORATORIES HAVE BEEN INTRODUCED: BIOLOGICAL RESEARCH AND PSYCHIC RESEARCH.
- 15. THE DEFLECTOR AND IMPULSE POWER BOOSTER UNITS ARE DESIGNED TO AUGMENT THE STANDARD SYSTEMS IN TIMES OF EMERGENCY. THE CONSTANT USE OF EITHER BOOSTER FOR EXTENDED PERIODS CAN RESULT IN DAMAGE TO THE DILITHIUM CRYSTALS.

- DECK LEVEL
- 0 UPPER SENSOR PLATFORM
- 1 SCIENCES LABORATORIES
- 2 SCIENCES LABORATORIES
- 3 GENERAL FACILITIES
- 4 OFFICERS QUARTERS
- 5 OFFICERS QUARTERS
- 6
- 7
- 8
- 9 LIFE QUALITY FACILITIES
- 10 CARGO MAINT FACILITIES
- 11 CARGO FACILITIES/ COMPUTERS
- 12 CARGO FACILITIES
- 13 FWD PHASER BANK/AUX FIRE CONTROL/ STORAGE
- 14 STORAGE LOWER SENSOR PLATFORM

- FROM ABOVE
- 6 PHOTON TORPEDO BANK/ PHASER BANKS/ CREW QUARTERS
- 7 BRIDGE/ CREW QUARTERS/ ENGINEERING
- 8 MEDICAL SECTION/ CREW QUARTERS/ ENGINEERING

- DECK LEVEL
- 16 VISICONS/AIR COND. MACH. ROOM/ PHASER BANKS
- 17 ENGINEERING
- 18 MEDICAL SECTION/ COMPUTERS
- 19 HANGER DECK
- 20 RECREATION AREA
- 21 CREW'S QUARTERS
- 22 CREW'S QUARTERS
- 23 BRIDGE/ FOOD PREP. FACILITIES
- 24 FABRICATION FACILITIES
- 25 STOWAGE/ CARGO HOLDS
- 26 CARGO HOLDS/ PHASER BANKS

- FROM ABOVE
- 9 DORSAL SEPARATION
- 10 AUXILIARY MACHINERY ROOM
- 11-15 OBSERVATION LOUNGE

- 16. DREADNOUGHT CLASS STARSHIPS ARE EQUIPPED WITH A CLOAKING DEVICE RECEPTACLE. THE DEMATERIALIZATION MODULE NEEDED TO COMPLETE THE SYSTEM IS ASSIGNED TO THOSE SHIPS WHICH MAY HAVE CAUSE TO NEED IT. THE SYSTEM IS TO BE USED ONLY FOR EMERGENCIES DUE TO THE DRAIN ON SHIP'S POWER.
- 17. STATEROOM ARRANGEMENT REMOVES SEX AS A FACTOR IN ASSIGNING CREW MEMBERS TO QUARTERS WITHOUT VIOLATING FEDERATION STANDARDS FOR MORALITY AND DECORUM.
- 18. ON VOYAGES OF EXTENDED DURATION, ALL CREW MEMBERS HAVE FREE CHOICE IN FURNISHING AND DECORATING THEIR QUARTERS.
- 19. THE BRIDGE, EMERGENCY BRIDGE, AND SECONDARY HULL BRIDGE ARE EQUIPPED WITH SEATS THAT HAVE MOTION RESTRAINT ARMRESTS.
- 20. REFER TO STANDARD DRAWINGS SCHEDULES SC-1-MK-X FOR CONSTRUCTION DRAWINGS.
- 21. REFER TO STAR FLEET TECHNICAL MANUAL NO. TM-380101 FOR OPERATING DETAILS, PROCEDURES, AND UPDATES.
- 22. REFER ALL QUESTIONS CONCERNING VARIATIONS DUE TO INDIVIDUAL SHIP MODIFICATIONS TO COMMANDING OFFICER STAR FLEET MODIFICATION FACILITY STARBASE 2 - 0 MARK 133 34 40 - R6PC UNITED FEDERATION OF PLANETS
- 23. STAR FLEET DESIGN BUREAU NOW NOTIFIES THAT A TOTAL UPDATING OF FLEET EQUIPMENT AND STANDARDS IS BEING PREPARED. STARSHIPS CONSTRUCTED AFTER STARDATE 7121 WILL INCORPORATE THE NEW EQUIPMENT AND STANDARDS. EXISTING SHIPS WILL BE RE-FITTED.

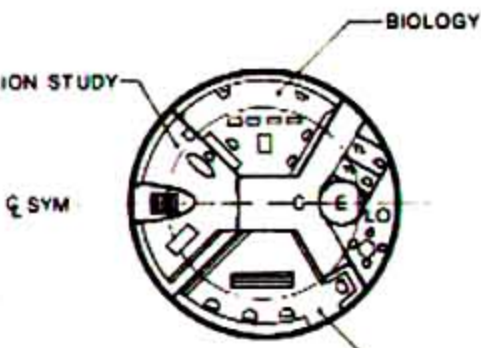




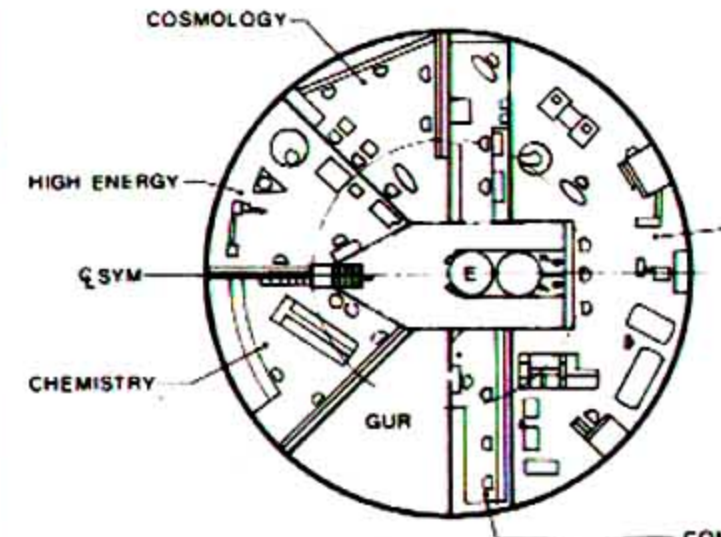
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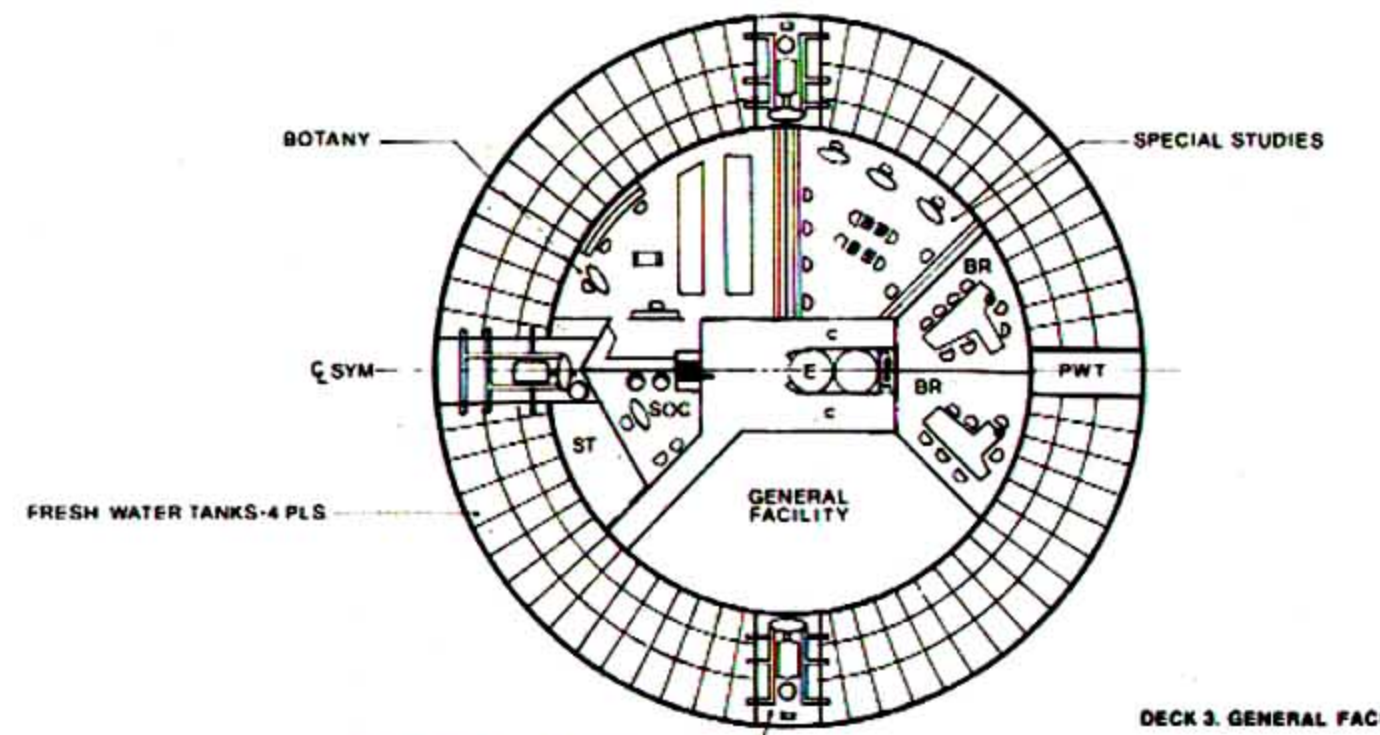
0 UPPER SENSOR PLATFORM



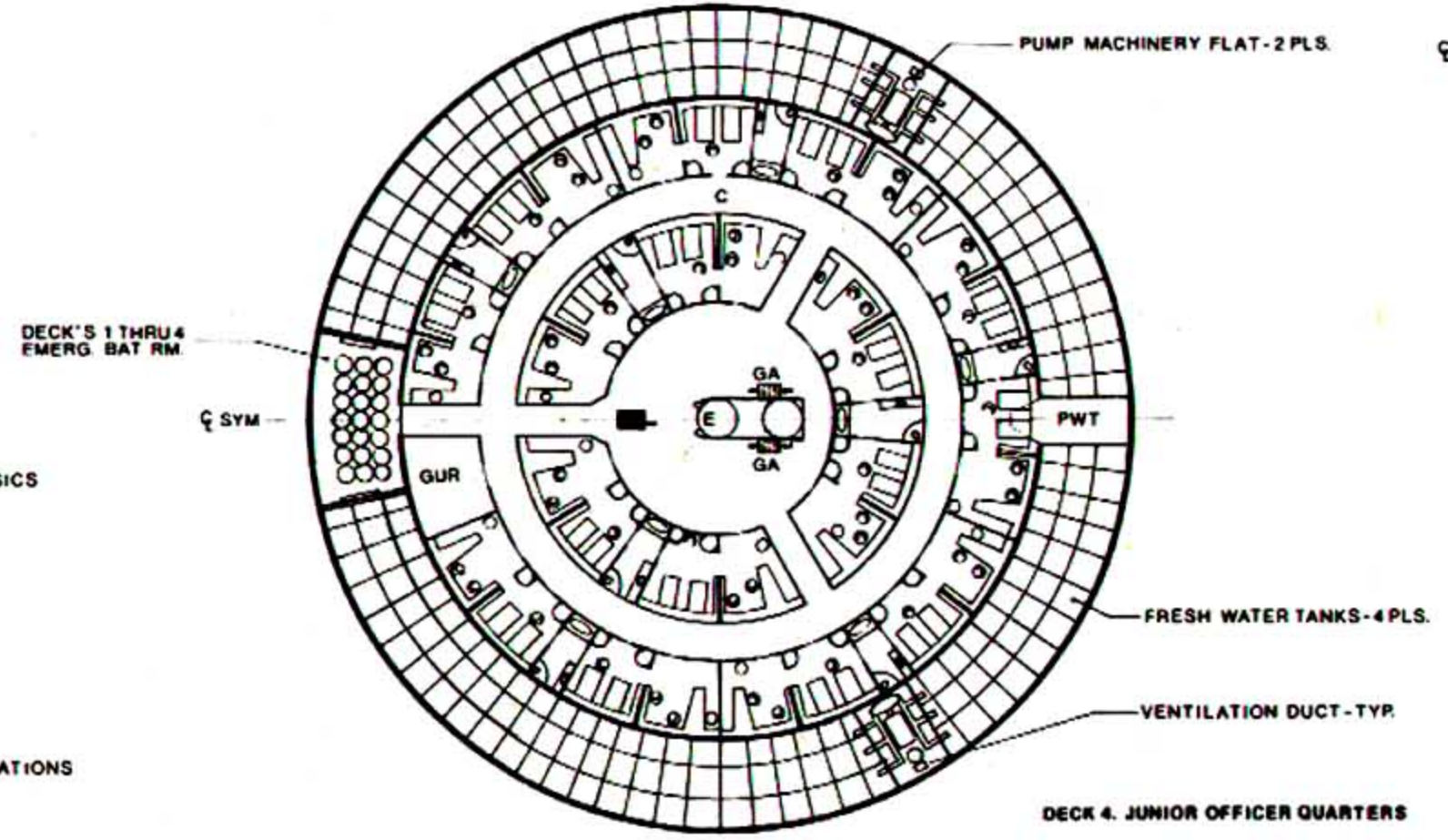
DECK 1 SCIENCE LABORATORIES



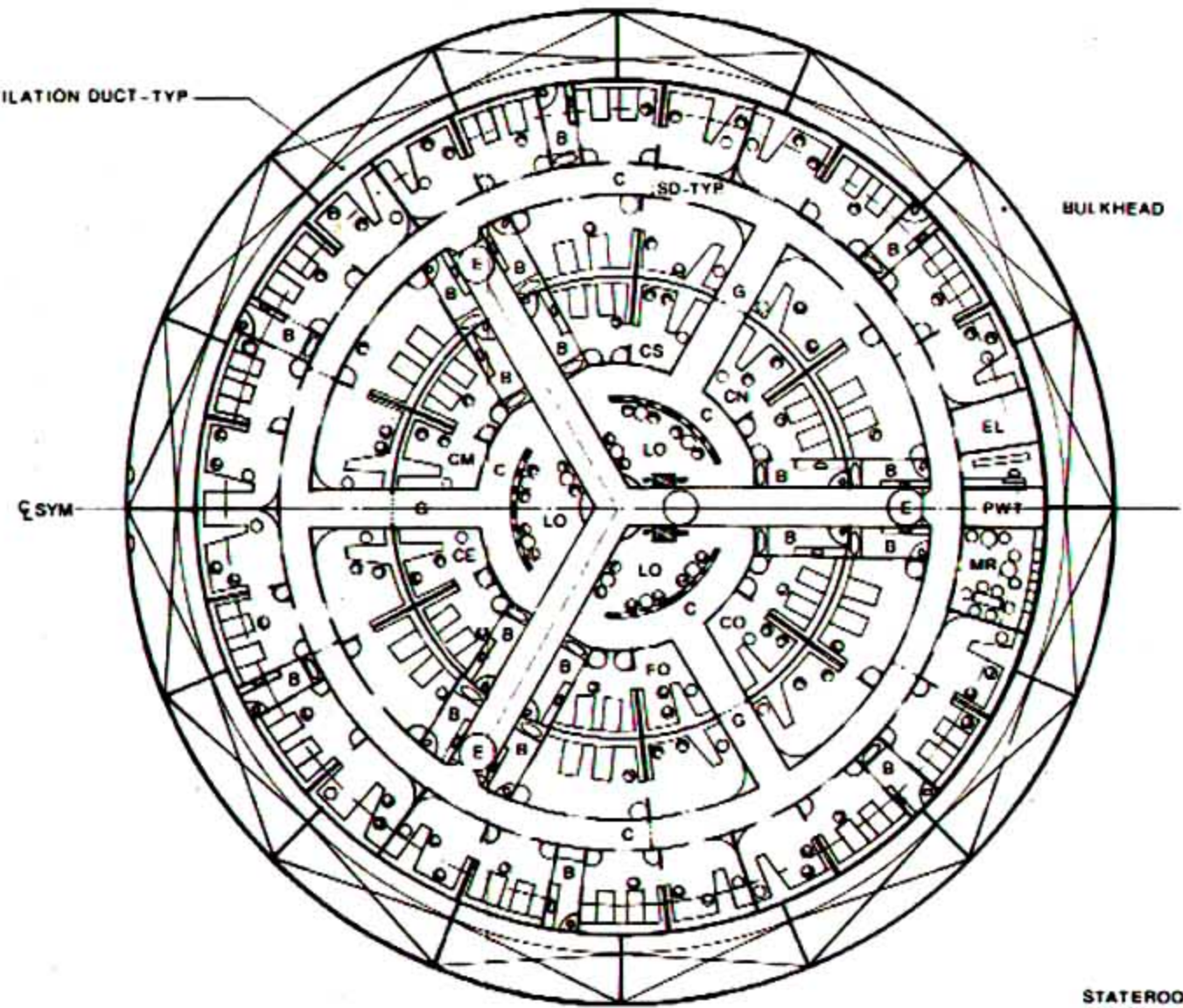
DECK 2 SCIENCE LABORATORIES



DECK 3 GENERAL FACILITIES

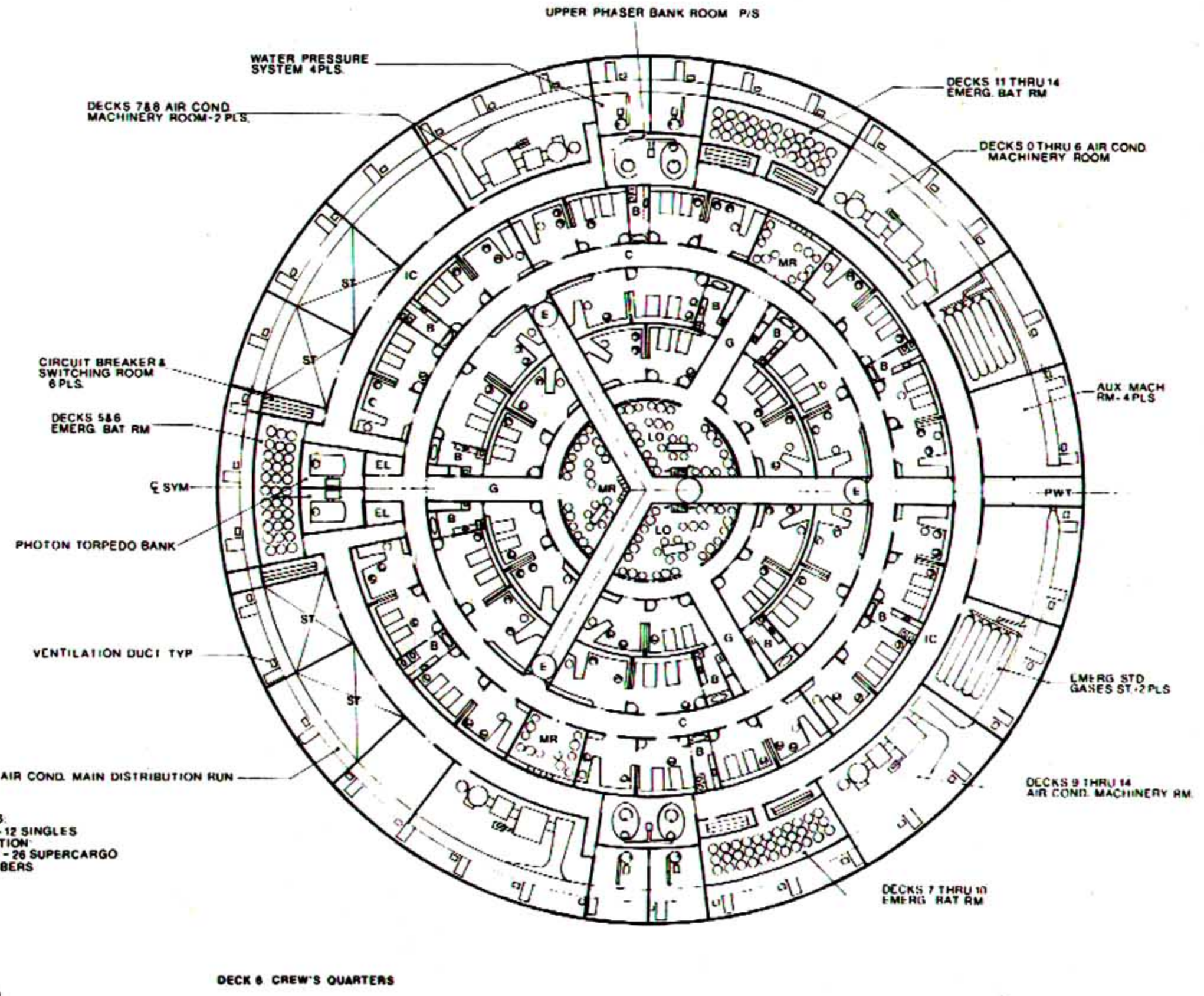


DECK 4 JUNIOR OFFICER QUARTERS



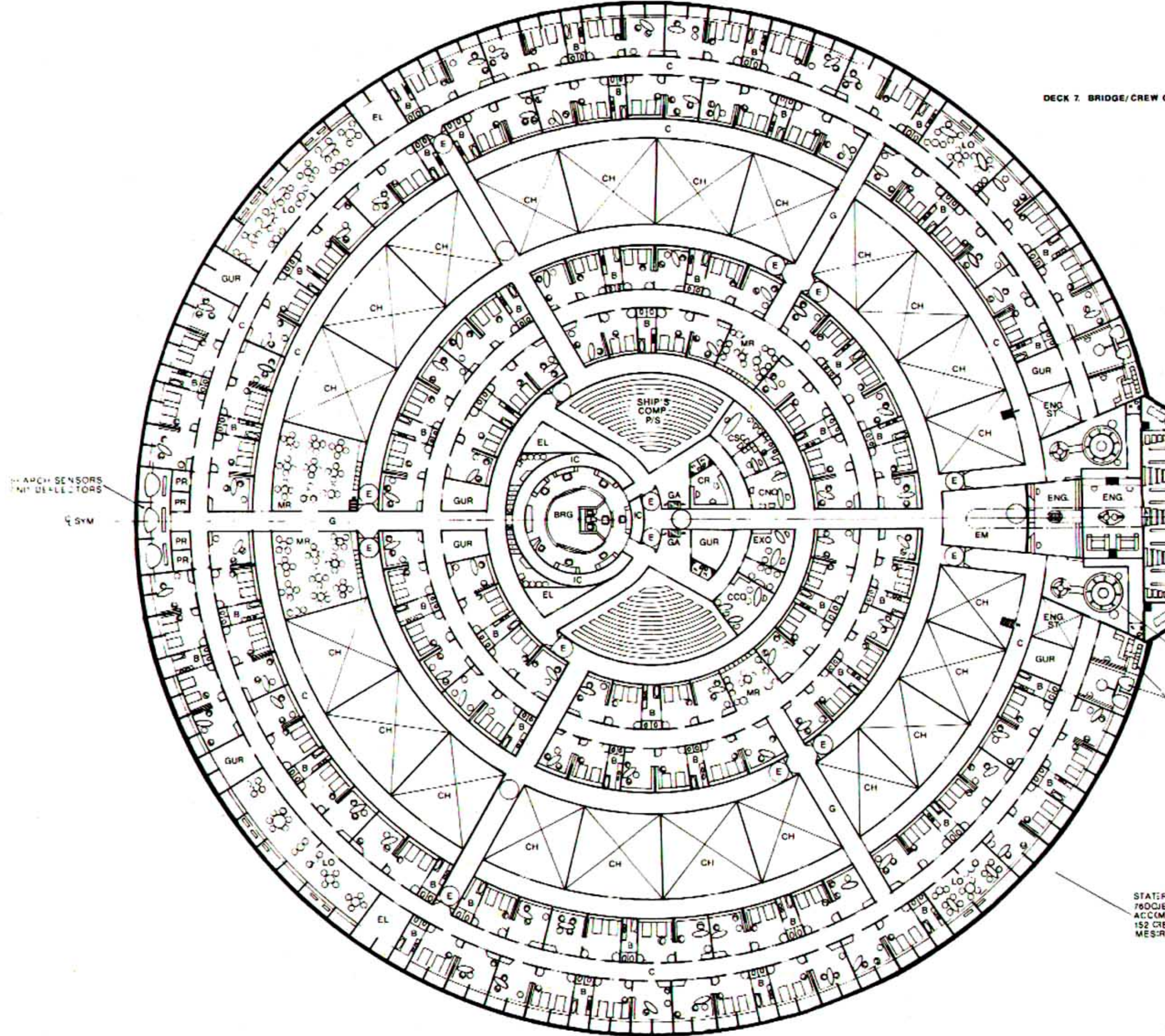
DECK 5 OFFICER QUARTERS

STATEROOMS:  
52 DOUBLES - 12 SINGLES  
ACCOMMODATION:  
42 OFFICERS - 26 SUPERCARGO  
48 CREWMEMBERS

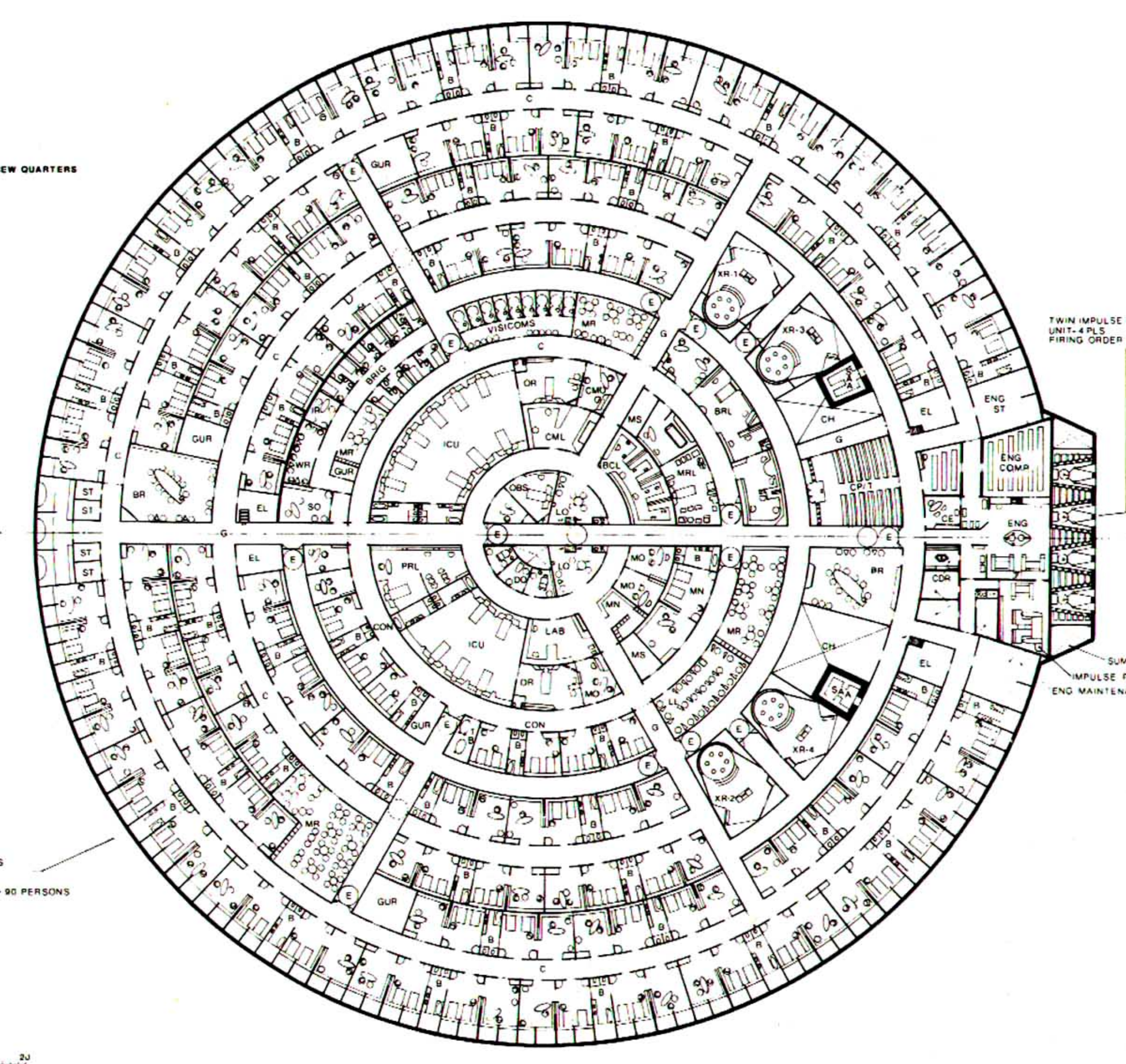


DECK 6 CREW'S QUARTERS





DECK 7. BRIDGE/CREW QUARTERS



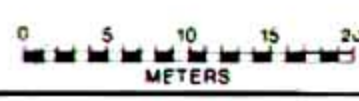
DECK 8. SICKBAY/CREW QUARTERS

STATEROOMS  
76 COUBLES - 5 QUADS  
ACCOMMODATION  
152 CREW MEMBERS  
MESSROOM CAPACITY - 90 PERSONS

STATEROOMS  
84 DOUBLES - 7 QUADS  
ACCOMMODATIONS  
168 CREW MEMBERS  
MESSROOM CAPACITY - 90 PERSONS

TWIN IMPULSE POWER  
UNIT-4 PLS  
FIRING ORDER 1-8-4-3-6-5-7-2

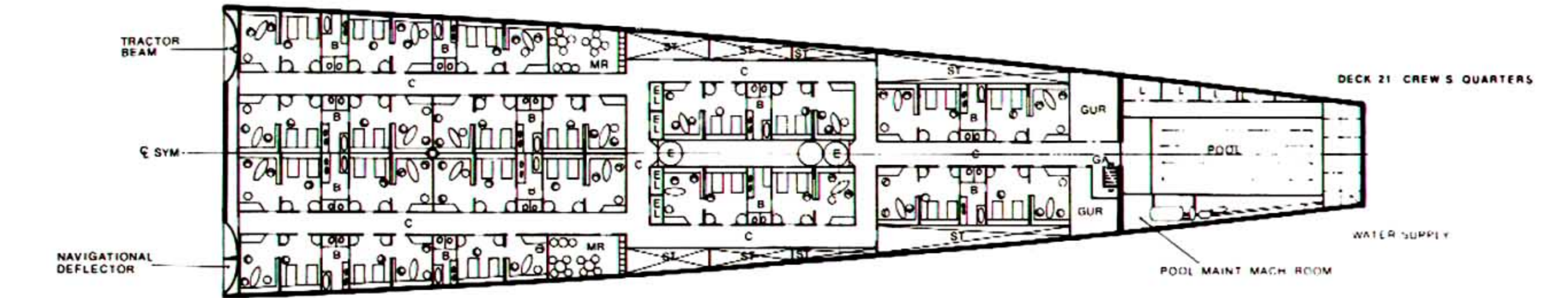
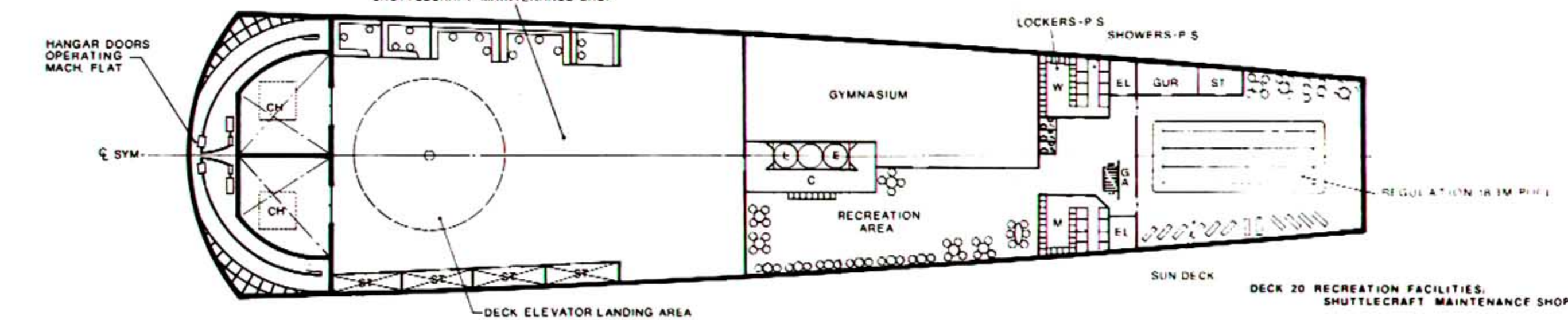
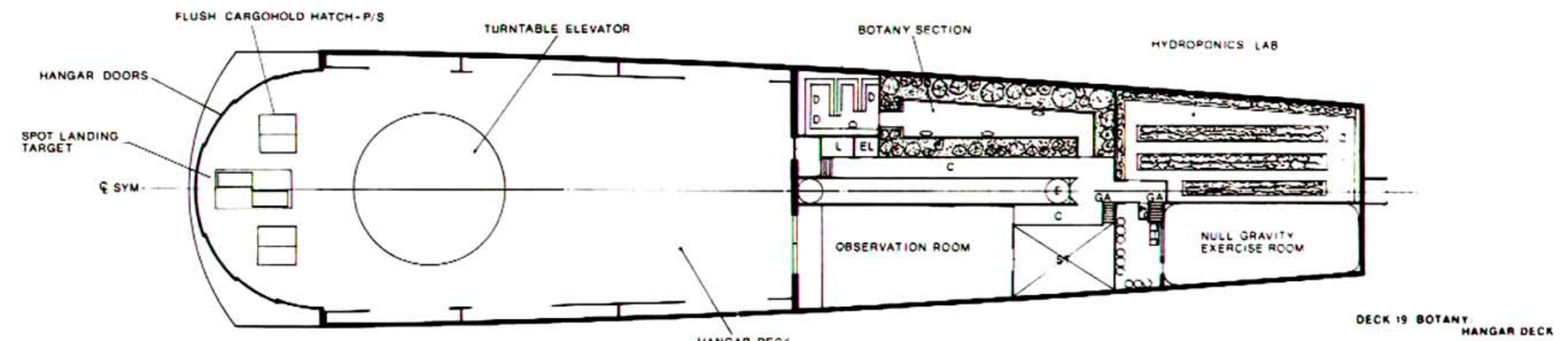
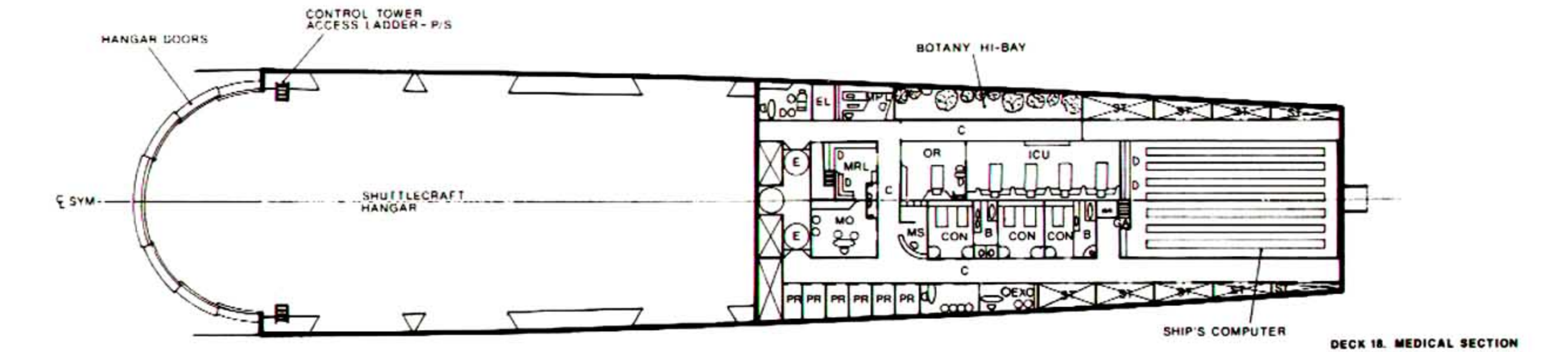
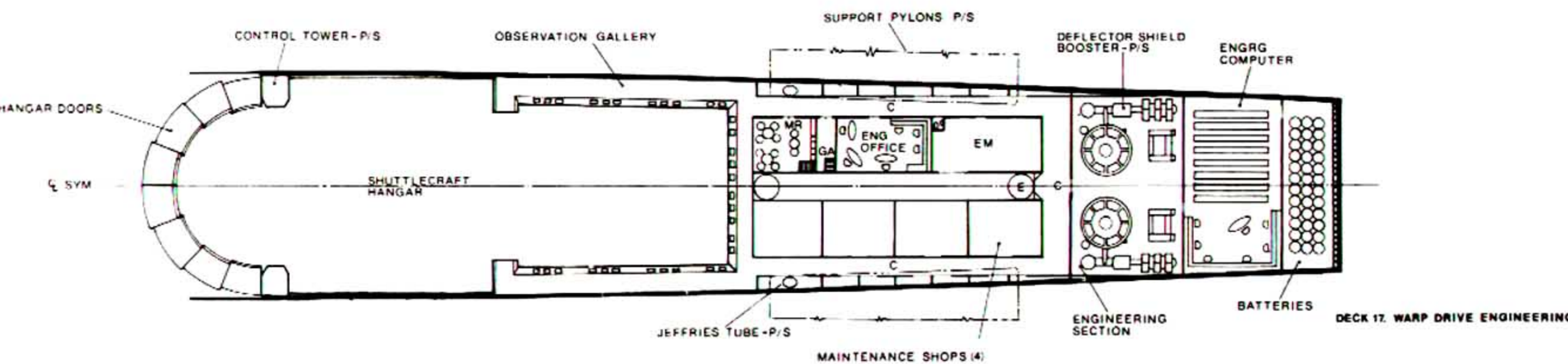
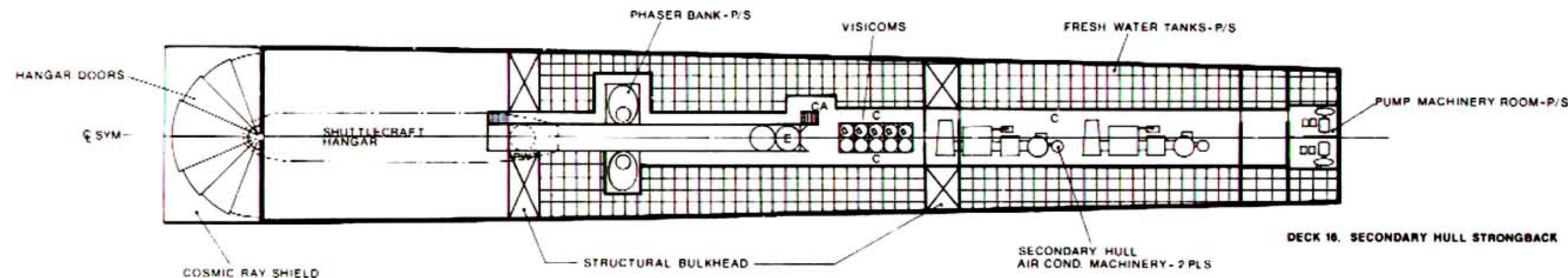
SUMP TANK-P/S  
IMPULSE POWER BOOSTER  
ENG MAINTENANCE SHOPS



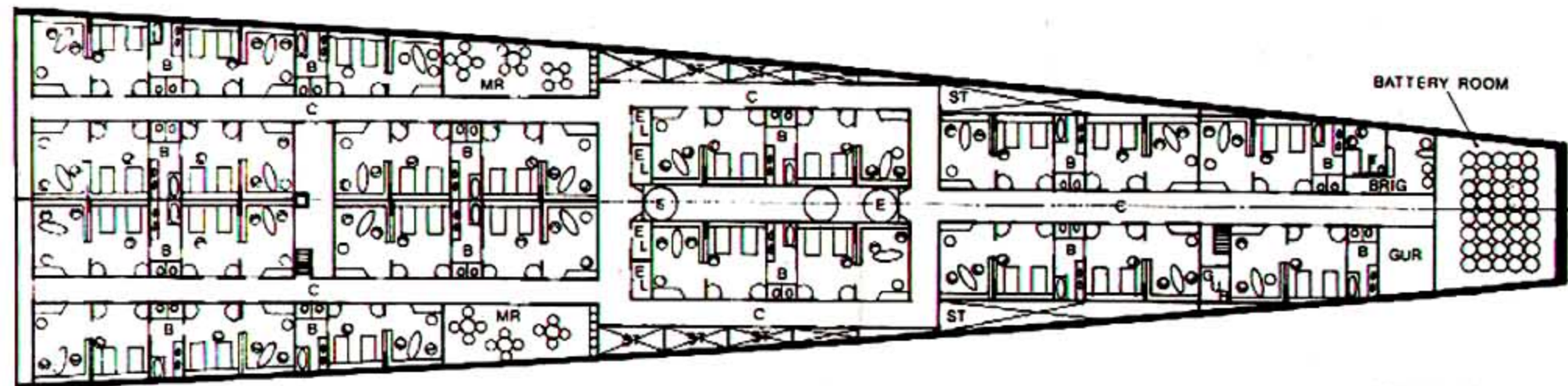






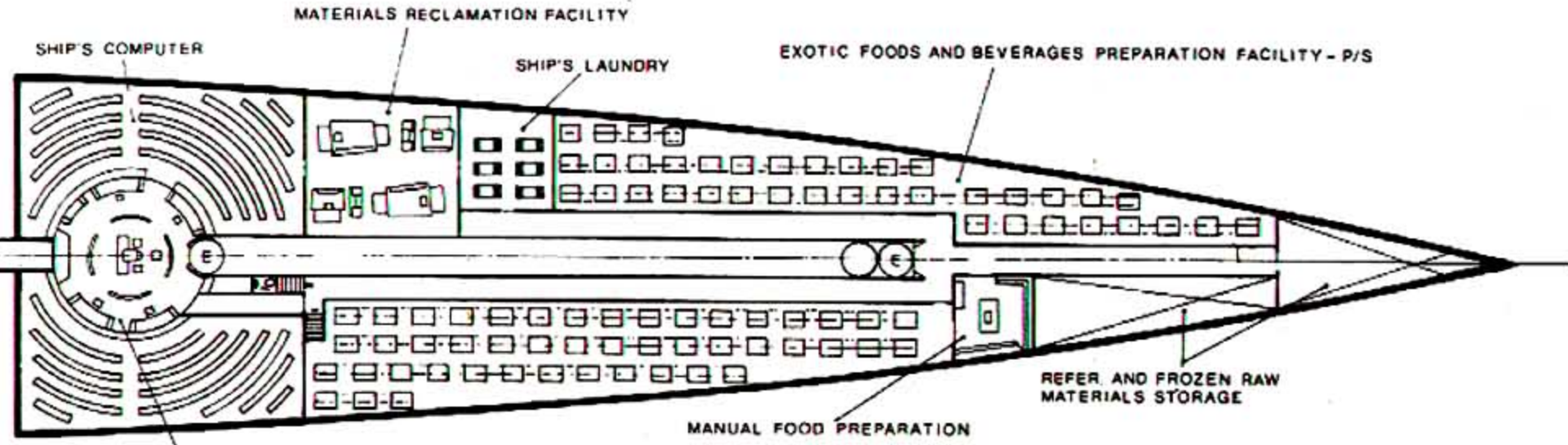
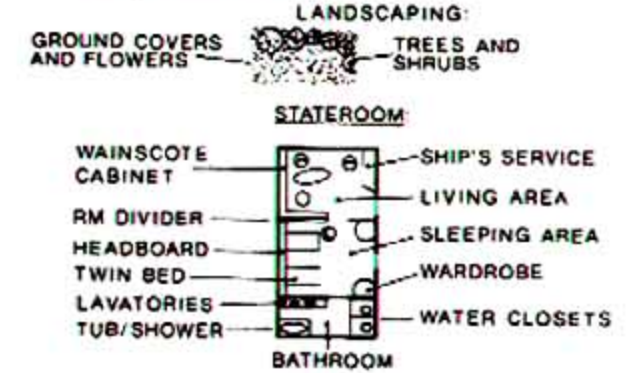
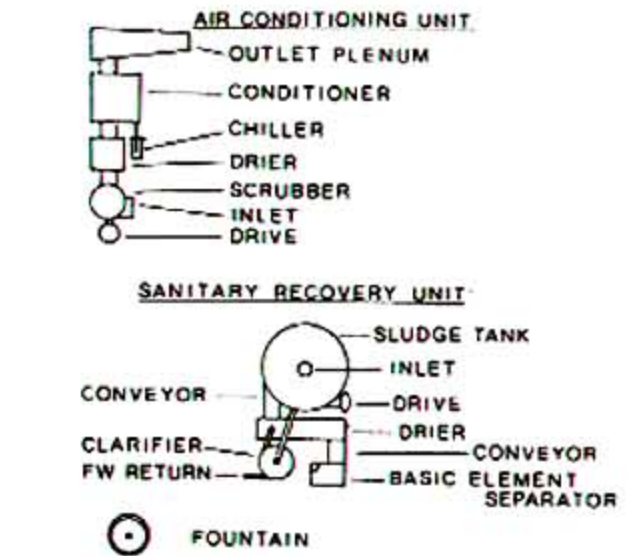




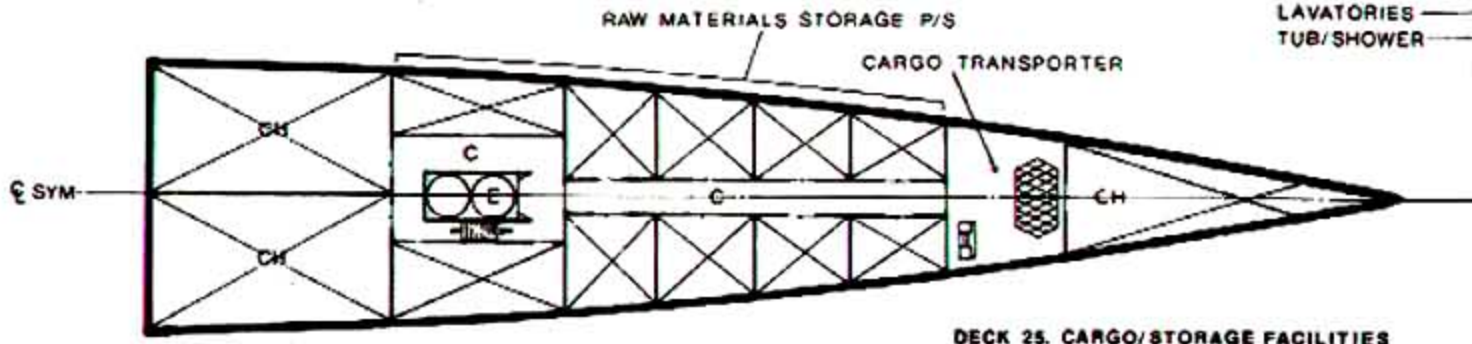


DECK 22. CREW'S QUARTERS

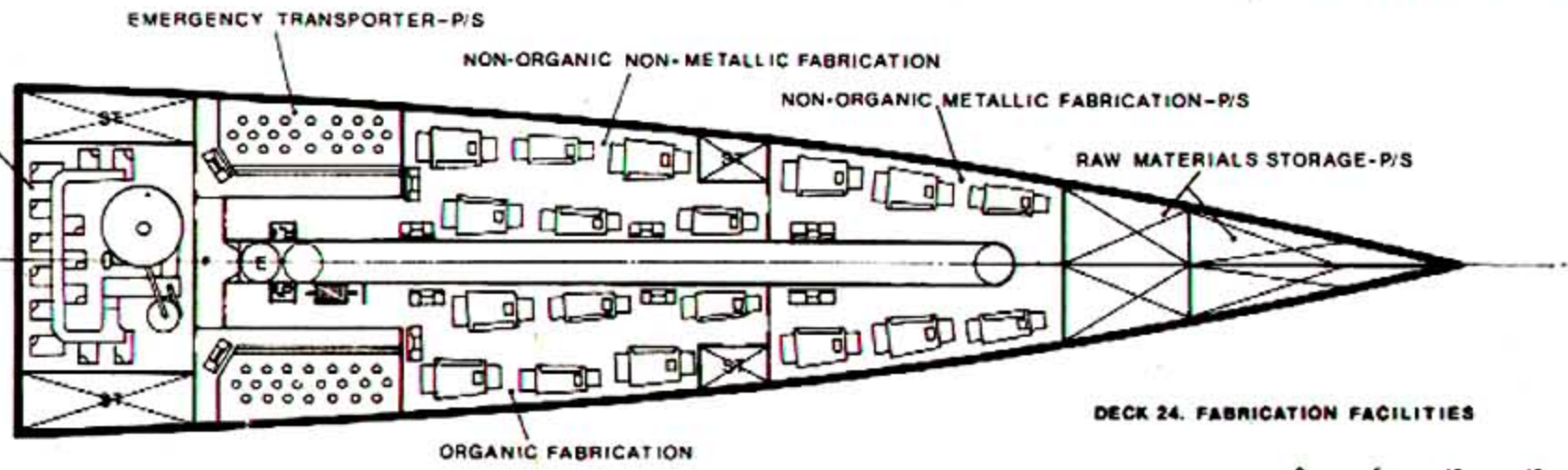
- PLAN SYMBOLS**
- ⊙ ⊙ TYPICAL CHAIRS
  - SINGLE POCKET DOORS
  - DOUBLE POCKET DOORS
  - DESK OR TABLE
  - ▢ GANGWAY
  - ⊞ CONTROL CONSOLE
  - ▭ CONFERENCE TABLES
  - ▨ FOOD AND BEVERAGE SERVICE
  - ⊙ ⊙ DINETTE TABLE AND CHAIRS
  - ⊙ ⊙ TYPICAL TABLES
  - ⊞ FABRICATION MACHINE
  - ⊞ MEDICAL EXAMINATION/OPERATING TABLE
  - ▭ BODY SCANTABLE
  - ⊞ VISION VIEWING ROOM
  - ⊞ HOLOGRAPHIC PROJECTOR
  - ⊞ LAUNDRY UNIT
  - ⊞ INLET RECONDITIONER
  - ⊞ OUTLET



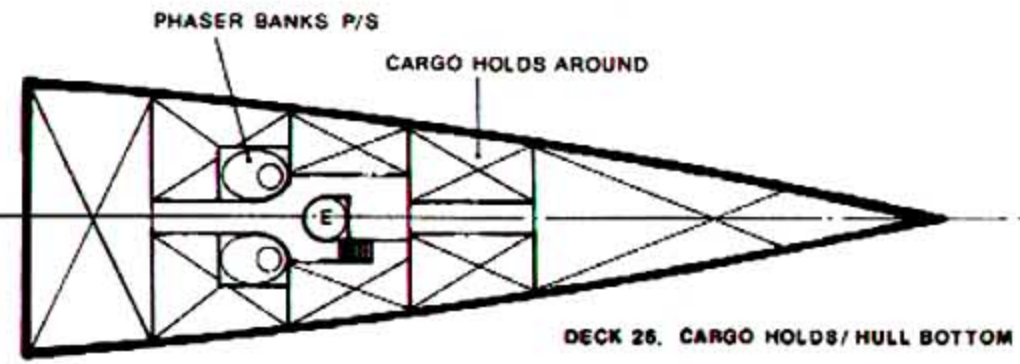
DECK 23. BRIDGE/ SHIP'S COMPUTER/ FOOD PREPARATION CENTER



DECK 25. CARGO/STORAGE FACILITIES



DECK 24. FABRICATION FACILITIES



DECK 26. CARGO HOLDS/HULL BOTTOM

- STANDARD ABBREVIATIONS**
- A \_\_\_ AFT
  - AA \_\_\_ ASSEMBLY AREA
  - AUX \_\_\_ AUXILIARY
  - B \_\_\_ BATHROOM
  - BCL \_\_\_ BIO-CHEMICAL LAB
  - BL \_\_\_ BUTTOCK LINE
  - BR \_\_\_ BRIEFING ROOM
  - BRG \_\_\_ BRIDGE
  - BRL \_\_\_ BIOLOGICAL RESEARCH LAB
  - C \_\_\_ CORRIDOR
  - CCO \_\_\_ CHIEF OF COMMUNICATIONS OFFICE
  - CDR \_\_\_ CLOAKING DEVICE ROOM
  - CE \_\_\_ CHIEF ENGINEER
  - CH \_\_\_ CARGO HOLD
  - CIC \_\_\_ COMMAND INTELLIGENCE CENTER
  - CL \_\_\_ CENTERLINE
  - CM \_\_\_ CHIEF SURGEON
  - CML \_\_\_ CHIEF SURGEON'S LAB
  - CMO \_\_\_ CHIEF SURGEON'S OFFICE
  - CN \_\_\_ CHIEF NAVIGATOR
  - CNO \_\_\_ CHIEF NAVIGATOR'S OFFICE
  - CO \_\_\_ COMMANDING OFFICER
  - COMP \_\_\_ COMPUTER
  - CON \_\_\_ CONVALESCENT WARD
  - COND \_\_\_ CONDITIONING
  - CONV \_\_\_ CONVEYOR
  - CP/T \_\_\_ CHAPEL AND THEATER
  - CR \_\_\_ CHART ROOM
  - CS \_\_\_ CHIEF OF SECURITY
  - CSC \_\_\_ COMMANDING OFFICER'S OFFICE
  - CXR \_\_\_ CARGO TRANSPORTER
  - DN \_\_\_ DOWN
  - DO \_\_\_ DENTAL OFFICE(S)
  - E \_\_\_ TURBO-ELEVATOR CAR
  - EL \_\_\_ ENVIRONMENTAL SUIT LOCKER
  - EM \_\_\_ ELEVATOR MAINTENANCE SHOP

- STANDARD ABBREVIATIONS**
- ENG \_\_\_ (ENGRG) ENGINEERING
  - ESF \_\_\_ EMERGENCY SCIENCE FACILITY
  - EXO \_\_\_ EXECUTIVE OFFICER'S OFFICE
  - EXR \_\_\_ EMERGENCY TRANSPORTER
  - F/A \_\_\_ FORE AND AFT
  - FO \_\_\_ FIRST OFFICER
  - G \_\_\_ GALLERY
  - GA \_\_\_ GANGWAY(S) (COMPANIONWAY(S))
  - GUR \_\_\_ GENERAL UTILITY ROOM
  - IC \_\_\_ INSPECTION CORRIDOR
  - ICU \_\_\_ INTENSIVE CARE UNIT
  - ID \_\_\_ INTERVIEW ROOM
  - I \_\_\_ LOCKER
  - LAB \_\_\_ LABORATORY
  - LL \_\_\_ LIBRARY LOUNGE
  - LO \_\_\_ LOUNGE
  - M \_\_\_ METER(S)
  - MACH \_\_\_ MACHINERY
  - MAINT \_\_\_ MAINTENANCE
  - MN \_\_\_ DUTY NURSE
  - MO \_\_\_ DOCTOR'S OFFICE
  - MR \_\_\_ MESSROOM (DINING AREA)
  - MRL \_\_\_ MEDICAL RESEARCH LAB
  - MS \_\_\_ MEDICAL SUPPLIES
  - OBS \_\_\_ OBSTETRICS
  - OL \_\_\_ OFFICER'S LOUNGE
  - OR \_\_\_ EXAMINATION/OPERATING ROOM
  - OVS \_\_\_ OVERHEAD VIEW SCREEN
  - P \_\_\_ PORT (LEFT)
  - PR \_\_\_ PERSONAL ISOLATION ROOM
  - PRL \_\_\_ PSYCHIC RESEARCH LAB
  - P/S \_\_\_ PORT AND STARBOARD
  - PTR \_\_\_ PHOTON TORPEDO ROOM
  - PWT \_\_\_ PIPING/WIRING TRUNK
  - RM \_\_\_ ROOM
  - S \_\_\_ STARBOARD (RIGHT)
  - SAA \_\_\_ SMALL ARMS ARSENAL
  - SD \_\_\_ SECTION ISOLATION DOOR
  - SO \_\_\_ SECURITY OFFICE
  - SOC \_\_\_ SCIENCE OFFICER'S OFFICE
  - SS \_\_\_ SHIP'S STORE
  - ST \_\_\_ STOREROOM/STOWAGE
  - SYM \_\_\_ SYMMETRY
  - T/B \_\_\_ TOP AND BOTTOM
  - TB \_\_\_ THERAPEUTIC BATH(S)
  - TL \_\_\_ TOILET
  - TYP \_\_\_ TYPICAL
  - WL \_\_\_ WATERLINE
  - XR \_\_\_ TRANSPORTER ROOM

